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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:)
Istephanous et al.) Before the Examiner
Serial No. 10/781,595) Not yet known
Filed February 18, 2004)
IMPLANTS BASED ON ENGINEERED) Group Art Unit
METAL MATRIX COMPOSITE) 3738
MATERIALS HAVING ENHANCED)
IMAGING AND WEAR RESISTANCE)

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure in accordance with 37 CFR §1.56, the Applicants wish to bring to the attention of the Examiner the patents, publications and/or other information listed on the attached PTO Form 1449 (modified). The three non-patent references accompany this Statement.

The filing of this Information Disclosure Statement shall not be construed as an admission that the information cited is, or is considered to be, material to patentability as defined in §1.56(b).

This Statement is being submitted more than three (3) months after the filing date of the application but before receipt of the first Office Action. It is believed that no fee is required for consideration of the submitted items. Should any fee be required, however, please charge such fee to Deposit Account No. 23-3030, but not to include any payment of issue fees.

I hereby certify that this correspondence is being deposited with the United States Postal Service as **first class mail** in an envelope addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

July 28 2004
(Date of Deposit)

James B. Myers

Name of Registered Representative

James B. Myers
Signature

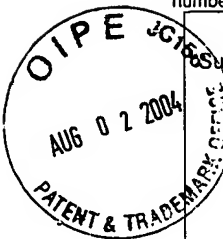
July 28 2004
Date of Signature

Respectfully submitted,

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number		10/781,595	
Filing Date		February 18, 2004	
First Named Inventor		ISTEPHANOUS, Naim	
Group Art Unit		3738	
Examiner Name			
Sheet	1	of	2
Attorney Docket No.		4002-3450/PC777.00	

U.S. PATENT DOCUMENTS

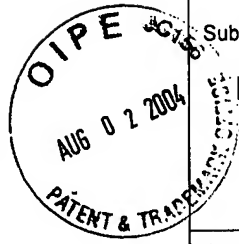
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)			
		4,323,756	04-06-1982	Brown et al.	
		4,585,617	04-29-1986	Tenhover et al.	
		4,650,109	03-17-1987	Crivella et al.	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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				Filing Date	February 18, 2004
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				Group Art Unit	3738
Examiner Name					
Sheet	2	of	2	Attorney Docket No.	4002-3450/PC777.00

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		6,046,426	04-04-2000	Jeantette et al.	
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	T ²
		http://home.att.net/~castleisland/faq/faq430.htm "RP's Frequently Asked Questions" Ed Grenda, © Copyright Castle Island Co.	
		http://www.dynamettechnology.com/Main_Dynalogo.htm "Titanium Powder Metal (P/M Technology)"	

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